A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/82 A01H5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N A01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, BIOSIS

C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the rele	Relevant to claim No.	
Y	US 6 632 980 B1 (YADAV NARENDRA S 14 October 2003 (2003-10-14) cited in the application abstract column 3, line 1 - line 14 column 9, line 63 - column 10, li column 11, line 53 - line 65 column 29, line 53 - line 55		1–57
		/	
			·
X Furt	her documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
'A' docume consider earlier filling of the docume which clattle 'O' docume other 'P' docume later ti	ent defining the general state of the art which is not letered to be of particular relevance document but published on or after the international late ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but	"T" later document published after the int or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the dividual of the cannot be considered to involve an inventive step when the dividual of the cannot be considered to involve an indecument is combined with one or ments, such combination being obviding the art. "8" document member of the same patent Date of mailing of the international set.	h the application but the application but the claimed invention of the considered to ocument is taken alone claimed invention inventive step when the core other such docupous to a person skilled it family
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Mundel, C	

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT				
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Y	MALLORY A C ET AL: "THE AMPLICON-PLUS SYSTEM FOR HIGH-LEVEL EXPRESSION OF TRANSGENES IN PLANTS" NATURE BIOTECHNOLOGY, NATURE PUBLISHING, US, vol. 20, no. 6, June 2002 (2002-06), pages 622-625, XP001187595 ISSN: 1087-0156 cited in the application abstract	·	1–57	
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Y	ROSE A B: "Requirements for intron-mediated enhancement of gene expression in Arabidopsis" RNA 01 NOV 2002 UNITED STATES, vol. 8, no. 11, 1 November 2002 (2002-11-01), pages 1444-1453, XP002329166 ISSN: 1355-8382 cited in the application the whole document		1,9-12, 14-38, 46-55,57	

Internet Application No
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	etion) DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim No.
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	an AU-rich antisense intron sequence." PLANT MOLECULAR BIOLOGY. JAN 1993, vol. 21, no. 2, January 1993 (1993-01), pages 205-211, XP009047747		9-12, 14-39, 41,42, 46-55,57
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	page 206, left-hand column, line 17 - line 25		
	page 210, right-hand column, line 9 - line 33	•	
X	CHAKRABARTY R ET AL: "Agrobacterium-mediated transformation of cauliflower: Optimization of protocol and development of Bt-transgenic cauliflower." JOURNAL OF BIOSCIENCES (BANGALORE), vol. 27, no. 5, September 2002 (2002-09), pages 495-502, XP002339198 ISSN: 0250-5991 abstract page 497 - page 499, paragraph 3.1 table 1		56

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: :
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
The menalional Scaloling Additions found manages investigated in the months of the manages of the manages investigated in the manages of the
see additional sheet
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-55 and 57

A stably transformed plant containing in cell nuclei a heterologous DNA having s sequence encoding a RNA replicon operably linked or linkable to a transcription promoter, the sequence encoding a RNA replicon functions exhibiting at selected localities function-conservative differences causing an increased frequency of replicon formation compared to a RNA replicon not exhibiting said differences. A process of expressing a sequence of interest in a plant using such a modified RNA replicon.

A nucleic acid encoding a RNA replicon whereinthe sequences for replicon function exhibit at selected localities function-conservative differences being capable of causing an increased frequency of replicon formation compared to a RNA replicon not exhibiting said differences.

. 2. claim: 56

A process of expressing a sequence of interest in a plant comprising transforming a plant with a suspension of Agrobacteria containing in the T-DNA a heterologous DNA encoding a replicon operably linked or linkable to a transcription promoter whereby the suspension of Agrobacteria has a concentration of cells of said Agrobacteria corresponding to a calculated optical density at 600 nm of at most 0.04.

Information on patent family members

-	Internat Application No
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